| Ref | Hits  | Search Query  | DBs   | Default  | Plurals | Time Stamp       |
|-----|-------|---|---|----------|---------|------------------|
| #   |       |   |   | Operator |         | -                |
| S2  | 40    | "20020114170" or "20010030866" or "6135612".pn. or "6048083".pn. or "6013985".pn. or "5947588".pn. or "5931570".pn. or "5899557".pn. or "5857767".pn. or "5821695".pn. or US-5769532-\$. DID. OR US-5608190-\$.DID. OR US-5585783-\$.DID. OR US-5224773-\$.DID. OR US-5140220-\$.DID. OR US-4463399-\$.DID. OR US-4360862-\$.DID. OR US-1764622-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR       | ON      | 2005/11/07 18:21 |
| S3  | 40    | "20020114170" or "20010030866" or "6135612".pn. or "6048083".pn. or "6013985".pn. or "5947588".pn. or "5931570".pn. or "5899557".pn. or "5857767".pn. or "5821695".pn. or US-5769532-\$. DID. OR US-5608290-\$.DID. OR US-5585783-\$.DID. OR US-5140220-\$.DID. OR US-4463399-\$.DID. OR US-4460862-\$.DID. OR US-1764622-\$.DID. OR                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR       | ON      | 2005/11/07 18:36 |
| S4  | 32667 | (light adj emitting adj diode or<br>LED) and (heat\$4 or cool\$4 or<br>thermal\$4 or sink) and (lens)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR       | ON      | 2005/11/07 18:37 |
| S5  | 4583  | (light adj emitting adj diode or<br>LED) with (heat\$4 or cool\$4 or<br>thermal\$4 or sink) and (lens)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR       | ON      | 2005/11/07 18:37 |
| S6  | 998   | (light adj emitting adj diode or<br>LED) with (disposed or placed or<br>mounted or positioned) with<br>(heat\$4 or cool\$4 or thermal\$4 or<br>sink) and (lens)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR       | ON      | 2005/11/07 18:38 |
| S7  | 379   | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR       | ON      | 2005/11/08 11:13 |

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|-----|---------------------------------------|--|---|-------------|----|------------------|
| S8  | 10                                    | ("1801047"   "5519596"  <br>"5685637"   "5785418"  <br>"5806965"   "6149283").PN. OR<br>("6425678").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON | 2005/11/08 11:04 |
| S13 | 1                                     | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and airtight and watts and metal                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:13 |
| S14 | 1                                     | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and airtight and watts and metal and adhesive with conductive | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:15 |
| S15 | 44                                    | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and prism   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:16 |
| S16 | 1                                     | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and prism with square   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:15 |
| S17 | 62                                    | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and prism\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:19 |
| S18 | 2                                     | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and airtight  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:20 |
| S19 | 101                                   | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and (airtight or sealed)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON | 2005/11/08 11:20 |

| S20 | 157 | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and (airtight or seal\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/08 11:20 |
|-----|-----|--|---|----|----|------------------|
| S21 | 22  | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and (airtight or seal\$4) and (watts) and metal                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/08 11:36 |
| S22 | 4   | (362/235.ccls. or 362/249.ccls. or 362/294.ccls. or 362/311.ccls. or 362/477.ccls. or 362/540.ccls.) and (light adj emitting adj diode or LED) and (thermal\$4 or heat\$4 or sink or cool\$4) and lens and (airtight or seal\$4) and watts and metal and adhesive with thermal | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/08 11:21 |
| S23 | 135 | (light adj emitting adj diode or<br>LED) and (thermal\$4 or heat\$4 or<br>sink or cool\$4) and lens and<br>prism\$4 with square  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/08 11:37 |
| S24 | 53  | ("0516824"   "2395756"   "2752478"   "3504338"   "3544785"   "3711704"   "4574338"   "4580201"   "4638411"   "4670823"   "4729076"   "4839782"   "4954936"   "4984142").PN. OR ("5224773").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/08 11:41 |

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|-----|----|--|------------------------------|----|---------------------------------------|------------------|
| S25 | 52 | ("2734189"   "3080555"   "3197757"   "3623042"   "3789211"   "3790937"   "3840873"   "3893092"   "3983532"   "4271408"   "4463399"   "4654629"   "4742432"   "4857920"   "4935665"   "4965561"   "5053765"   "5063379"   "5103215"   "5184114"   "5224773"   "5302965"   "5374876"   "5436535"   "5450301"   "5489771"   "5585785"   "5594433"   "5619182"   "5630662"   "5642933"   "5676456"   "5752766"   "5765940"   "5769532"   "5806965"   "5890794"   "5898381"   "5905441"   "5929568"   "5929788"   "6054932"   "6086220"   "6132072"   "6153980"   "6483439").PN. OR ("6626557").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                                    | 2005/11/08 11:43 |
| S26 | 29 | ("3818428"   "4384268"   "4389632"   "4626852"   "4856452"   "5006971"   "5122781"   "5140220"   "5197798"   "5313188"   "5374876"   "5404282"   "5416670"   "5495147"   "5594433"   "5711591"   "5782552"   "5782553"   "5899557").PN. OR ("6086220"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                                    | 2005/11/08 11:44 |
| S27 | 9  | ("5844257"   "5894196"  <br>"5898267"   "5899557"  <br>"5924788"   "6048083"  <br>"6086220"   "6244727"  <br>"6483439").PN. OR ("6905228").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                                    | 2005/11/08 11:45 |
| S28 | 20 | ("3206744"   "5642933"  <br>"5669703"   "5688042").PN. OR<br>("5769532").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                                    | 2005/11/08 11:51 |
| S29 | 27 | ("4929866"   "5045885"  <br>"5136483"   "5148146"  <br>"5567036").PN. OR ("5642933").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                                    | 2005/11/08 11:52 |
| S30 | 2  | ("1764622").URPN.  | USPAT                        | OR | ON                                    | 2005/11/08 13:34 |

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|-----|----|---|------------------------------|---------------------------------------|----|------------------|
| S31 | 53 | ("0516824"   "2395756"  <br>"2752478"   "3504338"  <br>"3544785"   "3711704"  <br>"4574338"   "4580201"  <br>"4638411"   "4670823"  <br>"4729076"   "4839782"  <br>"4954936"   "4984142").PN. OR<br>("5224773").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                                    | ON | 2005/11/08 13:36 |
| S32 | 62 | ("4271458"   "5065291"  <br>"5224773"   "5237490"  <br>"5585783"   "5630660"  <br>"5688042").PN. OR ("5890794").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                                    | ON | 2005/11/08 13:37 |
| S33 | 11 | ("3102727"   "3767904"  <br>"4200904"   "4459643"  <br>"4718185").PN. OR ("5237490").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                                    | ON | 2005/11/08 14:04 |
| S34 | 79 | ("2938192"   "3436729"   "4231079"   "4375634"   "4523258"   "4563668"   "4570206"   "4626852"   "4631516"   "4654629"   "4736205"   "4772990"   "4825191"   "4860177"   "4875028"   "5034847"   "5081568"   "5162696"   "5193895"   "5319365"   "5349346").PN. OR ("5585783"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                                    | ON | 2005/11/08 14:05 |
| S35 | 43 | ("3784809"   "5006971"  <br>"5361190"   "5517388"  <br>"5528474"   "5642933"  <br>"5806965"   "5838247"  <br>"5890794").PN. OR ("6183100").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                                    | ON | 2005/11/08 14:08 |
| S36 | 18 | ("4277170"   "4527158"   "4827245"   "4912334"   "5057820"   "5450301"   "5452188"   "5736925"   "5806965"   "5890794"   "5984228"   "5990802"   "6088050"   "6137518"   "6161910"   "6203180").PN. OR ("6483254").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                                    | ON | 2005/11/08 14:10 |

| S37 | 52 | ("2734189"   "3080555"  <br>"3197757"   "3623042"  <br>"3789211"   "3790937"  <br>"3840873"   "3893092"  <br>"3983532"   "4271408"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/08 14:10 |
|-----|----|---|------------------------------|----|----|------------------|
|     |    | "4463399"   "4654629"   "4742432"   "4857920"   "4935665"   "4965561"   "5053765"   "5063379"   "5103215"   "5184114"   "5224773"   "5302965"   "5374876"   "5436535"   "5450301"   "5489771"   "5585785"   "5594433"   "5619182"   "5630662"   "5642933"   "5676456"   "5697584"   "5697695"   "5752766"   "5765940"   "5769532"   "5806965"   "5890794"   "5898381"   "5905441"   "5929568"   "5929788"   "6054932"   "6086220"   "6132072"   "6153980"   "6483439").PN. OR |                              |    |    |                  |
| S38 | 9  | ("5844257"   "5894196"  <br>"5898267"   "5899557"  <br>"5924788"   "6048083"  <br>"6086220"   "6244727"  <br>"6483439").PN. OR ("6905228").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/08 14:14 |
| S39 | 18 | ("4211955"   "5160200"   "5160201"   "5567036"   "5806965"   "5921660"   "5929788"   "5947588"   "6220722"   "6234648"   "6371636"   "D385051"   "D404506"   "D405201"   "D434510").PN. OR ("6598996"). URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/08 14:27 |
| S40 | 61 | ("3474381"   "4124881"  <br>"4654629"   "4680678"  <br>"4893223"   "4929866"  <br>"4977487"   "5006971"  <br>"5084804"   "5101326"  <br>"5162696"   "5319531"  <br>"5436809").PN. OR ("5567036").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/08 14:28 |
| S41 | 10 | ("4870547"   "5440459"  <br>"5567036"   "5806965"  <br>"6244728"   "D363685").PN. OR<br>("6525668").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/08 14:29 |

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|-----|----|---|---|-------------|------|------------------|
| S42 | 12 | ("4211955"   "4298869"  <br>"5655830"   "5688042"  <br>"5726535"   "5921660"  <br>"5949347"   "6227679"  <br>"6525668"   "6550953").PN. OR<br>("6621222").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON . | 2005/11/08 14:29 |
| S43 | 12 | ("D202705"   "D385051"  <br>"D392057").PN. OR ("D404506").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 14:30 |
| S44 | 15 | ("D202705"   "D385051"  <br>"D392057").PN. OR ("D405201").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 14:31 |
| S45 | 36 | ("4727289"   "5688042"  <br>"5803579").PN. OR ("6220722").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 14:33 |
| S46 | 27 | ("4929866"   "5045885"  <br>"5136483"   "5148146"  <br>"5567036").PN. OR ("5642933").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 14:44 |
| S47 | 18 | "1" adj watt with light adj emitting<br>adj diode   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON   | 2005/11/08 15:14 |
| S48 | 4  | "3221162".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | ON   | 2005/11/08 15:14 |
| S49 | 13 | ("3221162").URPN.   | USPAT   | OR          | ON   | 2005/11/08 15:14 |
| S50 | 24 | ("1690364"   "2175067"  <br>"2253409"   "2498426"  <br>"2588154"   "2752479"  <br>"3221162"   "3253276").PN. OR<br>("3818218").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 15:15 |
| S51 | 10 | ("1801047"   "5519596"  <br>"5685637"   "5785418"  <br>"5806965"   "6149283").PN. OR<br>("6425678").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 17:49 |
| S52 | 4  | ("20030063476"   "6161910"  <br>"6220722"   "6425678").PN. OR<br>("6715900").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR          | ON   | 2005/11/08 17:50 |